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Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 7648/81349	Serial No. 09/945,530
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant(s) Kil, et al.	
		Filing Date August 3, 2001	Group No. 2122

U.S. PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,719,571	1/12/88	Rissanen, et al.			
	4,845,653	7/4/89	Conrad, et al.			
	4,875,589	10/24/89	Lacey, et al.			
	4,879,753	11/7/89	El-Sherbini			
	4,977,604	12/11/90	Chabries, et al.			
	5,018,215	5/21/91	Nasr, et al.			
	5,047,930	9/10/91	Martens, et al.			
	5,063,603	11/5/91	Burt			
	5,136,551	8/4/92	Armitage			
	5,175,814	12/29/92	Anick, et al.			
	5,197,005	3/23/93	Shwartz, et al.			
	5,251,131	10/5/93	Masand, et al.			
	5,257,349	10/26/93	Alexander			
	5,265,014	11/23/93	Haddock, et al.			
	5,287,110	2/15/94	Tran			
	5,321,613	6/14/94	Porter, et al.			
	5,331,554	7/19/94	Graham			
	5,404,513	4/4/95	Powers, et al.			

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Form PTO-1449 Rev. 8-88		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7648/81349		Serial No. 09/945,530	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant(s) Kil, et al.			
				Filing Date August 3, 2001		Group No. 2122-2121	
U.S. PATENT DOCUMENTS							
Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	5,615,367	3/25/97	Bennett, et al.				
	5,623,590	4/22/97	Becker, et al.				
	5,640,468	6/17/97	Hsu				
	5,661,666	8/26/97	Pawlak				
	5,661,696	8/26/97	Kimball, et al.				
	5,672,154	9/30/97	Sillen, et al.				
	5,675,711	10/7/97	Kephart, et al.				
	5,692,107	11/25/97	Simoudis, et al.				
	5,727,199	3/10/98	Chen, et al.				
	5,752,052	5/12/98	Richardson, et al.				
	5,761,639	6/2/98	Takebayashi, et al.				
	5,764,975	6/9/98	Taniguchi, et al.				
	5,778,357	7/7/98	Kolton, et al.				
	5,787,274	7/28/98	Agrawal, et al.				
	5,787,418	7/28/98	Hibbetts, et al.				
5,787,425	7/28/98	Bigus					
5,790,645	8/4/98	Fawcett, et al.					
5,793,888	8/11/98	Delanoy					
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
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Form PTO-1449 Rev. 8-99 JUN 25 2002 PATENT & TRADEMARK OFFICE	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 7648/81349	Serial No. 09/945,530
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant(s) Kil, et al.	
		Filing Date August 3, 2001	Group No. 2422- 2121

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,794,178	8/11/98	Caid, et al.			
	5,801,688	9/1/98	Mead, et al.			
	5,802,254	9/1/98	Satou, et al.			
	5,826,258	10/20/98	Gupta, et al.			
	5,848,404	12/8/98	Hafner, et al.			
	5,883,635	3/16/99	Rao, et al.			
	5,884,016	3/16/99	Allen, et al.			
	5,884,305	3/16/99	Kleinberg, et al.			
	5,894,311	4/13/99	Jackson			
	5,923,330	7/13/99	Tariton, et al.			
	5,924,089	7/13/99	Mocek, et al.			
	5,926,794	7/20/99	Fethe			
	5,930,784	7/27/99	Hendrickson			
	5,930,803	7/27/99	Becker, et al.			
	5,940,825	8/17/99	Castelli, et al.			
	5,941,981	8/24/99	Tran			
	5,966,139	10/12/99	Anupam, et al.			
	5,966,711	10/12/99	Adams			

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Form PTO-1449
(Rev. 8-88)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
7648/81349Serial No.
09/945,530INFORMATION DISCLOSURE STATEMENT
(Us several sheets if necessary)Applicant(s)
Kil, et al.Filing Date
August 3, 2001Group No.
2422-2121

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,970,482	10/19/99	Pham, et al.			
	5,974,412	10/26/99	Hazlehurst, et al.			
	5,983,220	11/9/99	Schmitt			
	5,987,470	11/16/99	Meyers, et al.			
	5,999,192	12/7/99	Selfridge, et al.			
	5,999,893	12/7/99	Lynch, Jr., et al.			
	6,018,341	6/27/00	Berry, et al.			
	6,021,215	2/1/00	Kornblit, et al.			
	6,032,146	2/29/00	Chadha, et al.			
	6,073,138	6/6/00	de l'Etraz, et al.			
	6,081,788		Appleman, et al.			
	6,090,630	7/18/00	Koakutsu, et al.			
	6,092,017	7/18/00	Ishida, et al.			
	6,097,382	8/1/00	Rosen, et al.			
	6,097,399	8/1/00	Bhatt, et al.			
	6,101,275	8/8/00	Coppersmith, et al.			
	6,108,004	8/22/00	Medl			
	6,108,686	8/22/00	Williams, Jr.			

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Attorney Docket No.
7648/81349

Serial No.
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INFORMATION DISCLOSURE STATEMENT
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Applicant(s)	Kil, et al.
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/945,530
		Filing Date	August 3, 2001
		First Named Inventor	David Kil
		Art Unit	2122-2121
		Examiner Name	UNKNOWN STARKS
Sheet 1 of 1	Attorney Docket Number	7648/81349	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
22		US- 4,977,604	12-11-1990	Chabries et al.	
		US- 5,018,215	05-21-1991	Nasr et al.	
		US- 5,047,930	09-10-1991	Martens et al.	
		US- 5,063,603	11-05-1991	Burt	
		US- 5,412,769	05-02-1995	Maruoka et al.	
		US- 5,444,819	08-22-1995	Negishi	
		US- 5,544,281	08-06-1996	Maruoka et al.	
		US- 5,640,468	06-17-1997	Hou	
		US- 5,761,639	06-02-1998	Takebayashi et al.	
		US- 5,802,254	09-01-1998	Satou et al.	
		US- 5,940,825	08-17-1999	Castelli et al.	
		US-			
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Examiner Signature	<i>David Kil</i>	Date Considered	24 SEP 04
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